Index of Claims

Allowed

| Application/Control No. | App | licat | ion/Cor | ntrol | No. |
|-------------------------|-----|-------|---------|-------|-----|
|-------------------------|-----|-------|---------|-------|-----|

LUONG T. NGUYEN

09/692,107

Examiner

Applicant(s)/Patent under Reexamination

KANEKO ET AL.

Art Unit

2612

(Through numeral) Cancelled Rejected Restricted

Non-Elected Ν

Interference

Appeal Α 0 Objected

| Cla       | aim      |         |          |   |                | Date   | e  |  |              |  |         | Cla      | im       |                 |          |          | D        | ate            |              |   |         |        | C            | aim        |                     |   |          | С        | ate      | ,        |          |          |           |
|-----------|----------|---------|----------|---|----------------|--|--|--|--------------|--|---------|----------|----------|-----------------|----------|----------|----------|----------------|--------------|---|---------|--------|--------------|------------|---------------------|---|----------|----------|----------|----------|----------|----------|-----------|
| Final     | Original | 2/21/06 |          |   |                |  |  |  |              |  |         | Final    | Original |                 |          |          |          |                |              |   |         |        | Final        | Original   |                     |   |          |          |          |          |          |          |           |
| ij        |          | 2/21    |          |   |                |  |  |  |              |  |         | ij       |          |                 |          |          |          |                |              |   |         |        | ίĒ           | ļ          |                     |   |          |          |          |          |          |          |           |
| 1         | 1        |         |          |   |                |  |  |  | L            |  |         |          | 51       |                 |          |          | _        |                | _ _          |   |         |        | L            | 101        |                     | _   | _        |          | $\Box$   | _        | $\dashv$ | _        | 4         |
| 2         | 2        |         |          |   | _              |  | <u> </u>   | ļ  |              |  |         |          | 52       |                 |          | _        | _        | _              |              |   |         |        |              | 102        | $\sqcup$            | _   | _        | _        |          | _        | _        | _        | 4         |
| 3         | -8-      |         | _        |   | -              | ļ  | <u> </u>   | ļ_   | $\vdash$     | _  |         |          | 53       |                 |          | _        | _        | _              | _            | -   | -       |        |              | 103        |                     | 4   | 4        | -        | _        | -        | 4        | -        | 4         |
| 4_        | 4_       | 트       | _        | _ | _              | ļ  |  | ļ  | $\vdash$     | ļ.,  | 4       |          | 54       | -               |          | $\dashv$ | -        | _              | +            | _   | +-      |        |              | 104        | $\vdash$            | -+  | -+       | _        | $\dashv$ | $\dashv$ | -        | $\dashv$ | $\dashv$  |
| 5         | 5        | =       | _        | - | ┝              | <u> </u>   | ⊢  | -  | _            | -  |         | ļ        | 55       | $\vdash$        | -        | $\dashv$ | +        | -              | -            | -   | +       |        | <u> </u>     | 105<br>106 | $\vdash$            | -   | -+       |          | -        | $\dashv$ | $\dashv$ | $\dashv$ | 4         |
| 6         | 6        | =       |          |   | ┢              | -  | ├  | ┢  | ₩            | ▙  |         |          | 56<br>57 |                 | -        |          | $\dashv$ | $\dashv$       | +            | +   | +       |        | -            | 100        | ┝╼┼                 | -   | $\dashv$ | -        |          |          | -        | $\dashv$ |           |
| 7         | 7<br>8   | =       |          | - | ├              | ⊢  | ⊢  | ┢  | ╌            | $\vdash$   |         | <u> </u> | 58       |                 |          | -+       | $\dashv$ |                | +            | +   | +       |        | -            | 107        | -                   | $\dashv$  | -        | -        |          |          | -+       | $\dashv$ | $\dashv$  |
| 8 9       | 9        | Ē       | _        | - | ├              | ├  | ├  | ├  | $\vdash$     | $\vdash$   |         |          | 59       | $\vdash$        | -        | ┪        | +        | -              | -+           | -   | +       |        | -            | 109        |                     | -   | -        |          |          | -        | $\dashv$ | $\dashv$ | $\dashv$  |
| 10        | 10       | 늘       |          |   | ┼─             | <del>                                     </del> | ┢╌   | ┢  | -            | -  |         |          | 60       | Н               | $\dashv$ | $\dashv$ | +        | -              |              | -   | +       |        | <del> </del> | 110        | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
| 11        | 11       | Ē       |          |   | ╁╌╴            | <del> </del>                                     | ╫  | +-   | ╁            | -  | 1       | <b>-</b> | 61       | Н               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       |              | +   | +       |        |              | 111        |                     | -   |          |          | -        | $\dashv$ | _        | $\dashv$ | $\dashv$  |
| <b></b>   | 12       | Ē       | $\vdash$ |   | +-             | ╁╌   | $\vdash$   | 1  | +-           | <del>                                     </del> | <b></b> |          | 62       | H               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | +            | +   | +       |        | <b></b>      | 112        |                     | 7   | $\dashv$ |          | _        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|           | 13       |         |          |   | $\vdash$       | H  | $\vdash$   | <u> </u>   | +            | 1  | 1       |          | 63       | H               | $\dashv$ | $\dashv$ | $\dashv$ | +              | $\dashv$     | $\top$  | 1       |        |              | 113        | $\vdash$            | 7   | 十        | $\neg$   | _        |          | _        | $\dashv$ | $\dashv$  |
| 12        | 14       | =       |          |   |                | t  |  | 1  | 1-           | T  | 1::::   |          | 64       | П               |          | $\dashv$ | $\dashv$ |                |              | 1   |         |        |              | 114        | П                   | $\dashv$  | $\dashv$ |          |          | $\neg$   |          | $\dashv$ | $\neg$    |
| 13        | 15       | =       |          |   |                |  |  | Г  | T            | T  | 1       |          | 65       | П               | $\neg$   | $\dashv$ | T        | $\neg$         | $\top$       |   |         |        |              | 115        | П                   | 7   | _        | 7        |          |          |          | $\Box$   | $\neg$    |
| 14        | 16       | =       |          |   |                |  |  | Γ  | T            |  |         |          | 66       |                 |          |          |          |                |              |   |         |        |              | 116        |                     |   |          |          |          |          |          | $\neg$   |           |
| 15        | 17       | =       |          |   |                |  |  |  | Τ            |  |         |          | 67       | П               |          |          | T        |                |              |   |         |        |              | 117        | П                   |   |          |          |          |          |          |          | $\Box$    |
| 16        | 18       | =       |          |   |                |  | Π  | Ι.   |              |  |         |          | 68       |                 |          |          |          |                |              |   |         |        |              | 118        |                     |   |          |          |          |          |          | $\Box$   |           |
| 17        | 19       | =       |          |   |                |  |  |  | П            | П  |         |          | 69       |                 |          |          |          |                |              |   |         |        |              | 119        |                     |   |          |          |          |          |          |          |           |
| 18        | 20       |         |          |   |                |  |  |  |              |  |         |          | 70       |                 |          |          |          |                |              |   |         |        |              | 120        |                     |   | $\Box$   | [        |          |          |          |          |           |
| 19        | 21       | =       |          |   |                |  | Ĺ  |  |              | L  |         |          | 71       | Ш               |          |          |          |                |              |   |         |        |              | 121        |                     |   |          |          |          |          |          |          |           |
|           | 22       |         |          |   | _              |  |  |  | _            |  |         |          | 72       |                 |          |          | $\perp$  | $\perp$        |              |   |         |        |              | 122        |                     |   |          |          |          |          |          | $\Box$   | _         |
| L         | 23       |         |          |   |                |  | <u> </u>   |  |              |  |         |          | 73       | Ш               |          |          | _        | _              |              |   |         |        |              | 123        |                     | _   |          |          |          | _        |          |          | _         |
|           | 24       |         |          |   |                |  | $oxed{oxed}$                                     |  | ╙            |  |         |          | 74       | Ш               | _        | 4        | _        | _              |              |   |         |        |              | 124        |                     | _   |          | _        |          |          | _        | _        | _         |
| <u> </u>  | 25       |         |          |   | L              |  |  |  |              |  |         |          | 75       | Ш               |          |          | _        | _              |              |   |         |        | ļ            | 125        |                     |   |          | _        |          |          | _        | _        | _         |
| <u> </u>  | 26       |         |          |   | <u> </u>       | <u> </u>   | <u> </u>   | _  | ╀            |  |         |          | 76       | $\sqcup$        | _        | 4        | 4        | 4              | 4            | $\perp$   |         |        | <u> </u>     | 126        |                     | _   | _        | _        | _        | _        | $\dashv$ | $\dashv$ | _         |
| <u> </u>  | 27       |         | _        |   | ├              | <u> </u>   |  | ļ  | ╀            | -  |         |          | 77       | $\sqcup$        | _        | _        | 4        | 4              | _            | _   | 1       |        |              | 127        | $\sqcup$            | _   | _        |          |          | _        | _        |          | 4         |
|           | 28       |         | <u> </u> |   | ├              | <b> </b>   | ⊢  | ├  | ╄            | <u> </u>   |         |          | 78       | Н               |          |          |          | -              | +            | _   | +       |        | <u> </u>     | 128        | $\vdash$            | _   | _        |          | _        | _        | $\dashv$ | $\dashv$ | 4         |
| -         | 29<br>30 |         | _        |   | ├              | <del> </del>                                     | ├  | ├-   | ┼-           | ├—   | 1       |          | 79<br>80 | $\vdash$        |          |          | -        | -              | +            | +   | +       |        |              | 129        | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|           | 31       | ļ       | -        |   | <del> </del>   | <del> </del> -                                   |  | ┢  | ╂            | ╁  |         |          | 81       | -               | -+       | -+       | +        | -              | +            | +   | +       |        |              | 130<br>131 | $\vdash$            | +   | -+       |          | -        | -+       | $\dashv$ | -+       | $\dashv$  |
| · · · · · | 32       | -       |          |   | <del> </del>   | <del> </del>                                     | <del> </del>                                     | ┢  | ┢            |  |         |          | 82       | ├┼              | -+       | $\dashv$ | $\dashv$ | -+             | +            | -   | +       |        |              | 132        | $\vdash$            |   | -+       |          |          |          | $\dashv$ | $\dashv$ | $\dashv$  |
|           | 33       |         |          | - | <del> </del> - | t  | <del>                                     </del> | ┼  | +-           | ╁  |         |          | 83       | $\vdash$        | -+       | $\dashv$ | +        | $\dashv$       | +            | +   | +       |        | <u> </u>     | 133        |                     | -   | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  |
|           | 34       |         |          |   |                |  | <del>                                     </del> | <del>                                     </del> | 1-           | 1  |         |          | 84       | $\vdash \vdash$ | $\dashv$ | -+       | +        | $\dashv$       | +            | +   | $\top$  |        | <b></b>      | 134        | $\vdash$            | ᅱ   | +        | -        |          |          |          | $\dashv$ | $\dashv$  |
| -         | 35       |         |          |   | t              |  |  | 1  | 1-           | 1  |         | <b></b>  | 85       | H               | 一十       | +        | +        | $\dashv$       | $\top$       | 1   |         |        | <u> </u>     | 135        | $\vdash$            | 寸   | -+       |          |          | $\neg$   | $\dashv$ | $\dashv$ | $\dashv$  |
|           | 36       |         |          |   | l              |  |  |  | T            | T  | 1       |          | 86       | $\Box$          |          |          |          | $\neg \dagger$ | $\top$       |   |         |        | ·            | 136        |                     | 7   | 寸        | $\neg$   |          | _        | _        | $\dashv$ | $\dashv$  |
|           | 37       |         |          |   |                |  |  | Π  | Т            | Π  | 1       |          | 87       | П               |          | 1        | $\neg$   | $\dashv$       | $\top$       |   |         |        |              | 137        |                     | 寸   | $\dashv$ |          |          |          | $\neg$   | 一        | $\exists$ |
|           | 38       |         |          |   |                |  |  |  | $\Gamma^{-}$ |  |         |          | 88       |                 |          |          |          |                | $\top$       | T   |         |        |              | 138        |                     | T   | $\neg$   | $\neg$   |          |          | $\neg$   | $\neg$   | $\neg$    |
|           | 39       |         |          |   |                |  |  |  | $\Box$       |  | ]       |          | 89       |                 |          |          |          |                |              | $oldsymbol{\mathbb{T}}$                           |         |        |              | 139        |                     |   |          |          |          |          | J        |          |           |
|           | 40       |         |          |   |                |  | 匚  |  |              |  |         |          | 90       |                 |          |          | $\Box$   |                | $oxed{\Box}$ | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |         |        |              | 140        |                     |   |          |          |          |          |          |          |           |
|           | 41       |         |          |   | $\Box$         |  | L  | 匚  | 匚            | $\Box$   |         |          | 91       | П               |          |          | I        | $\Box$         | $\perp$      | $\perp$   |         |        |              | 141        |                     | I   | $\Box$   |          |          | $\Box$   |          |          |           |
|           | 42       |         |          |   |                |  | $ldsymbol{oxedsymbol{oxedsymbol{eta}}}$          |  | ļ            | ļ  |         |          | 92       | Ш               | $\Box$   | $\Box$   | $\bot$   |                | $\perp$      | Ĺ   |         |        |              | 142        | П                   | _]  |          |          | $\Box$   |          |          | $\Box$   | _]        |
| <u> </u>  | 43       |         |          | _ | _              | <u> </u>   |  | <u> </u>   | <u> </u>     | <u> </u>   |         |          | 93       | Ш               | $\dashv$ | _        | _        | $\perp$        | $\perp$      | $\perp$   |         |        | <u> </u>     | 143        | Ш                   | $ \bot \!\!\! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! $ | _        | $\Box$   |          | _        | _        | $\perp$  | _         |
| <u> </u>  | 44       |         |          |   | <u> </u>       | <u> </u>   | ├  | <u> </u>   | ــ           | $\vdash$   |         |          | 94       | $\sqcup$        |          | _        | 4        |                | $\perp$      | 4   | 4       |        |              | 144        | Щ                   | $\dashv$  | $\dashv$ | _        |          | _        | _ļ       | _        | _         |
| <u> </u>  | 45       |         |          |   | <u> </u>       | <b> </b>   | <del> </del>                                     | <b> </b> _                                       | <del> </del> | <u> </u>   |         |          | 95       | $\vdash$        | _        | _        | 4        |                | $\perp$      | $\bot$  | $\perp$ |        | <u> </u>     | 145        | $\sqcup$            | _   | $\dashv$ | 4        |          |          | _        |          | 4         |
| <u> </u>  | 46       |         |          |   | -              | -  | -  | <del>  -</del>                                   | $\vdash$     | <u> </u>   |         |          | 96       | $\vdash \vdash$ |          | _        | 4        | $\dashv$       | _            | -   | +       |        |              | 146        | $\sqcup$            | _   | _        | 4        | _        | _        | _        | _        | 4         |
| -         | 47       |         |          |   | <u> </u>       | -  | ├  | <del> </del> —                                   | $\vdash$     | <u> </u>   |         |          | 97       | $\vdash$        | $\dashv$ | 4        |          | $\dashv$       |              | +   | +       |        | ļ            | 147        | $\sqcup$            | $\dashv$  | _        | _        |          | _        |          | -        | $\dashv$  |
| <u> </u>  | 48<br>49 |         | _        |   |                | -  | ⊢  | ⊢  | ├-           |  |         |          | 98       | $\vdash$        | $\dashv$ | $\dashv$ | +        | -              | +            | 4-  | +       |        | <b> </b>     | 148        | $\vdash \downarrow$ |   | -        |          | _        | _        |          | $\dashv$ | _         |
| $\vdash$  | 50       |         |          |   | ⊢              | $\vdash$   | <del> </del>                                     | -  | $\vdash$     | -  |         |          | 99       | $\vdash$        | $\dashv$ | $\dashv$ | +        | -+             | +            | +   | +       |        |              | 149        | ┝╌┼                 |   | -        | $\dashv$ | 4        |          | -        | $\dashv$ | _         |
|           | טט       | L       |          |   |                | L  |  | L  |              | <u>L</u> _                                       | :::::   | لــــــا | 100      |                 |          |          | 1.       |                |              |   | ⊥       | 111111 | L            | 150        |                     | 1   | - 1      | - 1      |          | 1        |          | $\perp$  |           |